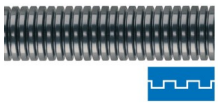
FLEXIBLE CONDUIT

TRADE PRICE INCREASE 2018 +7.4%

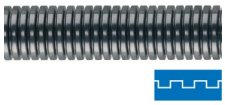
FLEXIBLE CONDUIT - PA6-LL (IP68)



Flexible corrugated conduit made from high quality polyamide material. Temperature range of -45°C to +120°C (^+150°C) Air and liquid tight, resistant against acids and alkalis, highly resistant to solvents. UL & CSA Certified. Flame retarding - UV resistant - Halogen free.

Product Code	Size	O/D	Colour	Flexa code	Supply lengths	Price per Meter
PA6-LL-M10	M10	10.0mm	black	0267.202.006	25 / 50m	$2.08
PA6-LL-M12	M12	13.0 mm	black	0267.202.010	25 / 50m	$1.73
PA6-LL-M16	M16	15.8 mm	black	0267.202.012	25 / 50m	$2.29
PA6-LL-M20	M20	21.2 mm	black	0267.202.016	25 / 50m	$3.55
PA6-LL-M25	M25	28.5 mm	black	0267.232.023	25 / 50m	$4.80
PA6-LL-M32	M32	34.5 mm	black	0267.232.029	25m	$6.37
PA6-LL-M40	M40	42.5 mm	black	0267.232.036	25m	$12.04
PA6-LL-M50	M50	54.5 mm	black	0267.232.048	25m	$15.23

FLEXIBLE CONDUIT - PA6-L (IP68) - HIGH IMPACT / HEAVY DUTY



Flexible corrugated conduit made from high impact polyamide material. Temperature range of -40°C to +105°C (^+132°C) air & liquid tight, resistant against acids & alkalis, highly resistant to solvents. UL & CSA certified. Flame retarding - UV resistant - Halogen free.

Product Code	Size	O/D	Colour	Flexa code	Supply lengths	Price Per Meter
PA6-L-M12	M12	13.0mm	black	0261.202.010	25 / 50m	$3.83
PA6-L-M16	M16	15.8 mm	black	0261.202.012	25 / 50m	$4.69
PA6-L-M20	M20	21.2 mm	black	0261.202.016	25 / 50m	$7.19
PA6-L-M25	M25	28.5 mm	black	0261.232.023	25 / 50m	$11.43
PA6-L-M32	M32	34.5 mm	black	0261.232.029	25 m	$14.09
PA6-L-M40	M40	42.5 mm	black	0261.232.036	25 m	$19.95

STRAIGHT ADAPTORS (IP66)

Straight high quality polyamide adaptor with screw connection and patented quick-fit conduit connection. Temperature range of –30°C to +100°C. Air & liquid tight, highly resistant against acids & solvents, resistant to oil and benzene. Impact resistant - UV resistant - Halogen free.

Product Code	Size	Colour	Flexa Code	Packet Size	Price Each
RQG1-M12	M12	black	5020.055.212	50	$3.81
RQG1-M16	M16	black	5020.055.216	50	$3.77
RQG1-M20	M20	black	5020.055.220	50	$3.93
RQG1-M25	M25	black	5020.055.225	25	$6.98
RQG1-M32	M32	black	5020.055.232	25	$10.40
RQG1-M40	M40	black	5020.055.240	25	$17.29
RQG1-M50	M50	black	5020.055.250	10	$30.25
RQG1-M50/63	M50/M63 Thread	black	5020.055.263	10	$33.45

STRAIGHT ADAPTORS METRIC WITH LOCK NUT (IP66)

Straight high quality polyamide adaptor with screw connection and patented quick-fit conduit connection. Temperature range of –30°C to +100°C. Air & liquid tight, highly resistant against acids & solvents, resistant to oil and benzene. Impact resistant - UV resistant - Halogen free.

Product Code	Size	Colour	Flexa code	Packet Size	Price Each
RQG1-M16/LN	M16	black	with Lock Nut	50	$4.02
RQG1-M20/LN	M20	black	with Lock Nut	50	$4.26
RQG1-M25/LN	M25	black	with Lock Nut	25	$7.47
RQG1-M32/LN	M32	black	with Lock Nut	25	$10.93

PRESS-IN STRAIGHT ADAPTERS (IP66)

Straight high quality polyamide adaptor and patented quick-fit connection. Supplied with O-ring for installation without locknut with wall thickness of 1 to 2.5 mm. Temperature range of –30°C to +100°C. Resistant against impact, acids, solvents, oil and UV. Halogen free.

Product Code	Size	Colour	Flexa code	Bore hole Ø	Packet Size	Price Each
RQG1-S-M12	M12	black	5020.082.209	14.9 mm	50	$4.72
RQG1-S-M16	M16	black	5020.082.211	18.1 mm	50	$4.80
RQG1-S-M20	M20	black	5020.082.216	22.0 mm	50	$5.02
RQG1-S-M25	M25	black	5020.082.221	28.1 mm	25	$8.90
RQG1-S-M32	M32	black	5020.082.229	36.5 mm	25	$11.18

STRAIGHT ADAPTORS WITH METAL THREAD (IP67)

Straight high quality polyamide adaptor with nickel plated brass screw thread and patented quick-fit conduit connection. Temperature range of –30°C to +100°C. Air & liquid tight, resistant against acids, solvents, oil and benzene. Impact resistant - UV resistant - Halogen free.

Product Code	Size	Colour	Flexa code	Packet Size	Price Each
RQGK-M16/M20	M16 Conduit - M20 Thread	black	5107.015.220	50	$14.01
RQGK-M20	M20	black	5107.021.220	50	$16.80
RQGK-M25	M25	black	5107.028.225	25	$29.11
RQGK-M32	M32	black	5107.034.232	25	$34.93
RQGK-M40	M40	black	5107.042.240	10	$55.73
RQGK-M50	M50	black	5107.054.250	10	$68.05

STRAIGHT ADAPTORS WITH SPECIAL THREADS (IP66)

Product Code	Size	Colour	Flexa code	Packet size	Price Each
RQG1-M12/PG9	M12/PG9 Thread	black	5020.049.209	50	$4.50
RQG1-M12/M16	M12/M16 Thread	black	5020.055.214	50	$4.50
RQG1-M16/M20	M16/M20 Thread	black	5020.055.218	50	$4.63
RQG1-M16/PG11	M20/PG11 Thread	black	5020.049.211	50	$4.63
RQG1-M20/PG16	M20/PG16 Thread	black	5020.049.216	50	$5.79
RQG1-M20/M25	M20/M25 Thread	black	5020.055.222	50	$5.79

STRAIGHT ADAPTORS WITH SPECIAL METAL THREAD (IP66)

Straight high quality polyamide adaptor with nickel plated brass screw thread and patented quick-fit conduit connection. Temperature range of –30°C to +100°C. Air & liquid tight, resistant against acids, solvents, oil and benzene. Impact resistant - UV resistant - Halogen free.

Product Code	Size	Colour	Flexa code	Packet Size	Price Each
RQGK-M32/PG29	M32 - PG29 Thread	black	5020.074.229	50	$34.93

ANGLE ADAPTORS - STANDARD (IP66)

Angle high quality polyamide adaptor with screw connection and patented quick-fit conduit connection. Temperature range of –30°C to +100°C. Air & liquid tight, highly resistant against acids & solvents, resistant to oil and benzene. Impact resistant - UV resistant - Halogen free.

Product Code	Size	Colour	Flexa code	Packet size	Price Each
RQW1-M12	M12	black	5020.051.212	50	$8.33
RQW1-M16	M16	black	5020.051.218	50	$8.71
RQW1-M20	M20	black	5020.051.222	50	$9.41
RQW1-M25	M25	black	5020.051.228	25	$14.86
RQW1-M32	M32	black	5020.051.234	10	$21.51
RQW1-M40	M40	black	5020.051.242	10	$34.20
RQW1-M50	M50	black	5020.051.254	10	$44.52

ANGLE ADAPTORS - 90° & 45° (IP66)

Angle high quality polyamide adaptor with screw connection and patented quick-fit conduit connection. Temperature range of –30°C to +100°C. Air & liquid tight, highly resistant against acids & solvents, resistant to oil and benzene. Impact resistant - UV resistant - Halogen free.

Product Code	Size	Colour/Angle	Flexa code	Packet size	Price Each
RQB1-45-M20	M20	black/45°	5101.021.220	50	$10.03
RQB1-45-M25	M25	black/45°	5101.028.225	25	$15.78
RQB1-45-M32	M32	black/90°	5101.034.232	10	$22.81
RQB1-90-M20	M20	black/90°	5104.021.220	50	$9.49
RQB1-90-M25	M25	black/90°	5104.028.225	25	$14.84
RQB1-90-M32	M32	black/90°	5104.034.232	10	$22.81

ANGLE ADAPTORS - 45° & 90° WITH METAL THREAD (IP68)

Angle high quality polyamide adaptor with nickel plated brass and patented quick-fit conduit connection. Temperature range of –30°C to +100°C. Air & liquid tight, highly resistant against acids & solvents, resistant to oil and benzene. Impact resistant - UV resistant - Halogen free.

Product Code	Size	Colour/Angle	Flexa code	Packet size	Price Each
RQBK-45-M20	M20	black/45°	5102.021.220	50	$21.83
RQBK-45-M25	M25	black/45°	5102.028.225	25	$31.00
RQBK-90-M20	M20	black/90°	5105.021.220	50	$21.83
RQBK-90-M25	M25	black/90°	5105.028.225	25	$31.00

CONDUIT CLAMPS WITH COVER

One piece conduit clamp with centre fixing hole and ribbed fixing for strain relief of conduit. Made from high quality polyamide material. Temperature range of –30°C to 100°C. Different sizes can be joined alongside each other. UV resistant - Halogen free

Product Code	Conduit size	Conduit O/D	Colour	Flexa code	Packet Size	Price Each
RQS-M12	M12	13.0 mm	black	5030.020.209	50	$3.08
RQS-M16	M16	15.8 mm	black	5030.020.211	50	$3.14
RQS-M20	M20	21.2 mm	black	5030.020.216	50	$3.47
RQS-M25	M25	28.5 mm	black	5030.020.221	25	$3.89
RQS-M32	M32	34.5 mm	black	5030.020.229	25	$4.12
RQS-M40	M40	42.5 mm	black	5030.020.236	25	$5.72
RQS-M50	M50	54.5 mm	black	5030.020.248	10	$7.69

CONDUIT CLAMPS - PLAIN

Low cost one piece polyamide conduit clamp with centre fixing hole and ribbed fixing for strain relief of conduit. Temperature –30°C to 100°C. UV resistant - Halogen free. RQHD is the cover for RQH - supplied separately. RQHV product joins two RQH conduit clamps together.

Product Code	Conduit size	Conduit O/D	Colour	Flexa code	Packet Size	Price Each
RQH-M12	M12	13.0 mm	black	5030.025.209	50	$2.11
RQH-M16	M16	15.8 mm	black	5030.025.211	50	$2.16
RQH-M20	M20	21.2 mm	black	5030.025.216	50	$2.42
RQH-M25	M25	28.5 mm	black	5030.025.221	25	$3.34
RQH-M32	M32	34.5 mm	black	5030.025.229	25	$3.91
RQH-M40	M40	42.5 mm	black	5030.025.236	25	$5.34
RQHD-M12	M12	—	black	5030.026.209	50	$1.69
RQHD-M16	M16	—	black	5030.026.211	50	$1.69
RQHD-M20	M20	—	black	5030.026.216	50	$1.73
RQHD-M25	M25	—	black	5030.026.221	25	$1.77
RQHD-M32	M32	—	black	5030.026.229	25	$1.87
RQHD-M40	M40	—	black	5030.026.236	25	$1.95
RQHV	Joiner	—	black	5030.027.201	100	$0.95

CATALOGUE

Ask for your copy of the complete Flexa Flexible Conduit catalogue

Order Code in Bold: Order Code in Light: Discount Code:

Stocked Item Subject to Availability F01

LOCKNUT - HIGH QUALITY PA

Locknut for screw connections made from high quality polyamide material. Temperature range of polyamide is –30°C to +100°C. UV resistant - Halogen free

Product Code	Size	Material	Colour	Flexa code	Packet size	Price Each
GMK-M12	M12	polyamide	black	0309.000.212	100	$0.50
GMK-M16	M16	polyamide	black	0309.000.216	100	$0.25
GMK-M20	M20	polyamide	black	0309.000.220	100	$0.31
GMK-M25	M25	polyamide	black	0309.000.225	100	$0.48
GMK-M32	M32	polyamide	black	0309.000.232	100	$0.55
GMK-M40	M40	polyamide	black	0309.000.240	50	$4.69
GMK-M50	M50	polyamide	black	0309.000.250	25	$5.84
GMK-M63	M63	polyamide	black	0309.000.263	10	$8.14

LOCKNUT - NICKEL PLATED BRASS

Locknut for screw connections made from nickel plated brass material.

Product Code	Size	Material	Flexa code	Packet size	Price Each
GM-M16	M16	Nickel plated brass	0531.000.016	100	$0.58
GM-M20	M20	Nickel plated brass	0531.000.020	100	$0.73
GM-M25	M25	Nickel plated brass	0531.000.025	100	$1.22
GM-M32	M32	Nickel plated brass	0531.000.032	100	$1.87
GM-M40	M40	Nickel plated brass	0531.000.040	100	$4.20
GM-M50	M50	Nickel plated brass	0531.000.050	100	$8.23
GM-PG29	PG29	Nickel plated brass	0530.000.029	100	$8.84

Y CONNECTOR (IP69K)

Y type connector made from thermoplastic elastomer (TPE) or polyamide (PA). TPE connectors have internal circular ribs which hold the conduit in place and provide excellent compensation for vibration. TPE connector temperature range is –40°C to +150°C. PA connectors have the patented quick-fit conduit connection. Temperature range of –30°C to 100°C. Both types include one fixing hole and are available in a combination of sizes. UV resistant - Halogen free

Product Code	Size	Conduit O/D	Material	Colour	Flexa code	Packet size	Price Each
RQY-3xM12	M12	13.0 mm	PA	black	5020.033.202	10	$15.89
RQY-2xM12/M16	M12/M16	13.0/15.8 mm	PA	black	5020.033.203	10	$16.06
RQY-3xM16	M16	15.8 mm	PA	black	5020.033.204	10	$17.82
RQY-2xM16/M20	M16/M20	15.8/21.2 mm	TPE	black	5020.033.206	10	$14.50
RQY-2xM16/M25	M16/M25	15.8/28.5 mm	TPE	black	5020.033.213	10	$15.29
RQY-3xM20	M20	21.2 mm	TPE	black	5020.033.207	10	$14.95
RQY-2xM20/M25	M20/M25	21.2/28.5 mm	TPE	black	5020.033.208	10	$16.51
RQY-2xM25/M32	M25/M32	28.5/34.5 mm	TPE	black	5020.033.209	10	$19.62
RQY-2xM32/M40	M32/M40	34.5/42.5 mm	TPE	black	5020.033.210	10	$24.26
RQY-2xM40/M50	M40/M50	42.5/54.5 mm	TPE	black	5020.033.211	5	$27.05

T CONNECTOR (IP69K)

T type connector made from thermoplastic elastomer (TPE). TPE connectors have internal circular ribs which holds the conduit in place and provides excellent compensation for vibration. Temperature range of –40°C to +150°C. Includes one fixing hole and is available in a combination of sizes. UV resistant - Halogen free.

Product Code	Size	Conduit O/D	Colour	Flexa code	Packet size	Price Each
RQT-3xM12	M12	13.0 mm	black	5020.067.207	10	$12.22
RQT-3xM16	M16	15.8 mm	black	5020.067.208	10	$12.77
RQT-3xM20	M20	21.2 mm	black	5020.067.201	10	$14.98
RQT-2xM20/M25	M20/M25	21.2/28.5 mm	black	5020.067.209	10	$16.51
RQT-2XM25/M16	M16/M25	15.8/28.5 mm	black	5020.067.213	10	$17.62
RQT-3xM25	M25	28.5 mm	black	5020.067.202	10	$18.81
RQT-2xM25/M32	M25/M32	28.5/34.5 mm	black	5020.067.210	10	$19.62
RQT-3xM32	M32	34.5 mm	black	5020.067.211	10	$22.18
RQT-3xM40	M40	42.5 mm	black	5020.067.212	10	$25.38

CONDUIT END CAP (IP67)

Conduit end cap made from thermoplastic elastomer (TPE). TPE connectors have internal circular ribs which holds the conduit in place. Temperature range of –40°C to +150°C. Provides excellent transition form conduit to cable. UV resistant - Halogen free

Product Code	Size	Conduit O/D	Colour	Flexa code	Packet size	Price Each
RQE-M12	M12	13.0 mm	black	5030.012.207	50	$2.36
RQE-M16	M16	15.8 mm	black	5030.012.211	50	$2.41
RQE-M20	M20	21.2 mm	black	5030.012.216	50	$2.82
RQE-M25	M25	28.5 mm	black	5030.012.221	25	$3.21
RQE-M32	M32	34.5 mm	black	5030.012.229	25	$3.79
RQE-M40	M40	42.5 mm	black	5030.012.236	25	$5.40
RQE-M50	M50	54.5 mm	black	5030.012.248	10	$6.81

CONDUIT JOINER (IP69K)

One piece conduit joiner made from thermoplastic elastomer (TPE). TPE connectors have internal circular ribs which holds the conduit in place and provides excellent compensation for vibration. Temperature range of –40°C to +150°C. UV resistant - Halogen free

Product Code	Size	Conduit O/D	Colour	Flexa code	Packet size	Price Each
RQK-M12	M12	13.0 mm	black	5020.066.207	10	$5.79
RQK-M16	M16	15.8 mm	black	5020.066.208	10	$6.04
RQK-M20	M20	21.2 mm	black	5020.066.201	10	$8.81
RQK-M25	M25	28.5 mm	black	5020.066.202	10	$9.03
RQK-M32	M32	34.5 mm	black	5020.066.203	10	$14.55
RQK-M40	M40	42.5 mm	black	5020.066.204	10	$16.46
RQK-M50	M50	54.5 mm	black	5020.066.205	10	$18.37

CONDUIT REDUCERS (IP69K)

One piece conduit joiner made from thermoplastic elastomer (TPE). TPE connectors have internal circular ribs which holds the conduit in place and provides excellent compensation for vibration. Temperature range of –40°C to +150°C. UV resistant - Halogen free

Product Code	Size	Conduit O/D	Colour	Flexa code	Packet size	Price Each
RQK-M16/M12	M16/M12	15.8/13.0 mm	black	5020.094.202	10	$6.01
RQK-M20/M16	M20/M16	21.2/15.8 mm	black	5020.094.209	10	$8.62
RQK-M25/M20	M25/M20	28.5/21.2 mm	black	5020.094.205	10	$8.89
RQK-M32/M25	M32/M25	34.5/28.5 mm	black	5020.094.206	10	$12.39
RQK-M40/M32	M40/M32	42.5/34.5 mm	black	5020.094.207	10	$16.06

CONNECTOR FIXING ANGLE

Passivated steel fixing angle for Metric type screw connections. Angle steel with through hole and two fastening holes.

Product Code	Size	Material	Flexa code	Packet size	Price Each
BW-M16	M16	Passivated steel	5010.031.016	25	$11.60
BW-M20	M20	Passivated steel	5010.031.020	25	$11.86
BW-M25	M25	Passivated steel	5010.031.025	25	$13.03
BW-M32	M32	Passivated steel	5010.031.032	25	$13.34
BW-M40	M40	Passivated steel	5010.031.040	25	$13.70
BW-M50	M50	Passivated steel	5010.031.050	25	$15.22

TUBE CLAMP

Galvanized steel with rubber profile tube clamp for securely holding a pipe with single fastening screw hole. Temperature range -20°C up to + 120°C

Product Code	Tube Ø	Product Marking	Flexa code	Packet size	Price Each
SKM-M10	9-10mm	10	0308.000.007	50	$2.02
SKM-M12	13-14mm	15	0308.000.009	50	$2.05
SKM-M16	15-17mm	18	0308.000.011	50	$2.07
SKM-M18	18-20mm	20	0308.000.013	50	$2.18
SKM-M20	20-22mm	22	0308.000.016	50	$2.38
SKM-M25	27-29mm	28	0308.000.021	50	$2.79
SKM-M32	34-37mm	35	0308.000.029	50	$3.63
SKM-M40	40-45mm	42	0308.000.036	25	$4.56
SKM-M50	54-57mm	54	0308.000.048	25	$6.05

ASSEMBLY INSTRUCTIONS

Cutting of conduit:
Cut the conduit between two ribs. More than one rib should not be passed while cutting the conduit. Flexa recommends the use of a cutting tool such as a knife or conduit cutter.

Assembly:
Push the conduit onto the connector until it cannot snap in any more and the connector can only be turned by force. The corrugated conduit pushes the claws of the adaptor between the ribs and this ensures a precise connection.

Disconnection:
This is achieved by pressing the ring toward the housing of the adaptor and then simply pulling the conduit out of the adaptor.

Conduit ratings:
In order to attain the IP ratings the above must be followed.

FURTHER INFORMATION

Ask for your copy of the complete Flexa Railway Technology catalogue

Ask for your copy of the Flexa Testing Methods technical catalogue

Ask for your copy of the Flexa High Temperature Solutions catalogue